

Revised 05/05

CORRES. CONTROL  
INCOMING LTR NO.

00448 RF05

DUE DATE

ACTION

RECEIVED



2005 SEP 13 A 10:57

Department of Energy

CORRESPONDENCE  
CONTROL

ROCKY FLATS PROJECT OFFICE  
12101 AIRPORT WAY, UNIT A  
BROOMFIELD, COLORADO 80021-2583

SEP 07 2005

05-DOE-00554

DIST.	LTR	ENC
BERARDINI, J.H.	X	X
BOGNAR, E.S.	X	X
BROOKS, L.	X	X
CROCKETT, G. A.	X	X
DECK, C. A.	X	X
DEGENHART, K. R.	X	X
FERRERA, D. W.	X	X
GIACOMINI, J. J.		
GILPIN, H.		
LINDSAY, D. C.	X	X
LONG, J. W.		
NESTA, S.	X	X
SHELTON, D. C.	X	X
TUOR, N. R.	X	X
WARD, D.	X	X
WIEMELT, K.	X	X
ZAHM, C.	X	X

Heber, J. X X

Bethune, J. X X

Mr. Carl Spreng  
Rocky Flats Cleanup Agreement Project Coordinator  
Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530

Dear Mr. Spreng:

Please find enclosed the completed Rocky Flats Cleanup Agreement (RFCA) Type 1 Trailer 130B Closeout Report, DWF-088-05, dated August 2005. This report is submitted in accordance with RFCA for your review and comment.

Questions can be directed to Rich Schassburger, Rocky Flats Project Office, at (303) 966-4888.

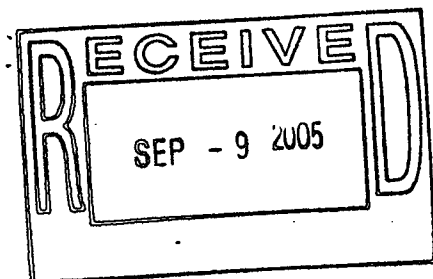
Sincerely,

*John J. Rampe*  
John J. Rampe, Director  
RFPO Closure Project Management

Enclosure

cc w/o Encl.:  
S. Nesta, K-H, RISS Env.  
J. Heber, K-H RISS D&D  
K. Wiemelt, K-H RISS D&D

cc w/Encl.:  
D. Krucke, CDPHE  
M. Aguilar, USEPA  
D. Abelson, RFCLOG  
K. Korkia, RFCAB  
Administrative Record



COR. CONTROL	X	X
ADMIN. RECORD	X	X

Reviewed for Addressee  
Corres. Control RFP

9/13/05  
Date By

Ref. Ltr. #

05RF00837

DOE ORDER #

5400.1

ADMIN RECORD

1A-A-002783

CORRES CONTROL  
OUTGOING LTR #

DOE ORDER #

05-RF-00837



DIST	LTR	ENC
CROCKETT, G		
FERRERA, D.W.	X	X
GILPIN, H.E.		
LONG, J.W.		
LINDSAY, D.C.		
SHELTON, D.C.		
TUOR, N.R.		
SNYDER, D		
MCGRORY, M		
HADACEK, M		
KAISER, M		
BEAN, C		
LINSINBIGLER, H		
NESTA, S.	X	X

September 1, 2005

05-RF-00837

Gary Morgan, Director  
Project Support  
DOE, RFPO

TRANSMITTAL OF CLOSE OUT REPORT FOR T130B OFFICE TRAILER – DWF-088-05

Attached is the Closeout Report for the Type 1 facility T130B Office Trailer. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project.

Please contact Steve Nesta extension 6386 with questions or concerns.

Dennis W. Ferrera  
Vice President and Project Manager  
Remediation, Industrial D&D, and Site Services

Attachment:  
As Stated

CORRES CONTROL	X	X
PATS		
ADMIN. RECORD	X	X
WASTE REC CTR		
TRAFFIC		

SMN:rlm

CLASSIFICATION:	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

Orig. and 1 cc – Gary Morgan

cc:  
John Rampe

AUTHORIZED CLASSIFIER  
SIGNATURE:

NA

Jalc:

IN REPLY TO RFP CC #:

## ACTION ITEM STATUS:

☐ PARTIAL/OPEN  
☐ CLOSED

## LTR APPROVALS:

Last Name)

Last Name)

## ORIG. &amp; TYPIST INITIALS:

KLM:rlm

Kaiser-Hill Company, L.L.C.

Letter # DWF-088-05

Rocky Flats Environmental Technology Site, 12101 Airport Way, Unit B, T130F, Golden, CO 80403-8200 • (303) 966-6386

## Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	T130B
Facility Descriptor:	Office Trailer, 15,400 square feet
Project:	RISS - Area 5 D&D
Date of Demolition:	August 1, 2005
Additional Information:	Modular corrugated metal office trailer demolished and disposed of as sanitary waste.
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

<b>Section B. Final Characterization Data</b>	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	Reconnaissance Level Characterization Report – Concurrence, Steven H. Gunderson to Joseph A. Legare, dated March 16, 2005...
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

<b>Section C. Waste Data <i>(complete categories as appropriate)</i></b>	
<u><b>Sanitary Disposal</b></u>	
Disposal Site:	BFI Foothills Landfill, Golden, Colorado
Waste Volume (m <sup>3</sup> ):	2370
Waste Weight (tons):	605.8 tons
Additional Information:	Above grade building debris
<u><b>Hazardous Disposal</b></u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal.
<u><b>TSCA Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Asbestos Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Low-Level Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Low-Level Mixed Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Recycled Material</b></u>	
Recycle Facility:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	

## Type 1 Facility Closeout Report

### Property Disposition

Receiver Locations (major items only): N/A

Volume (m<sup>3</sup>): \_\_\_\_\_

Weight (tons): \_\_\_\_\_

Additional Information: \_\_\_\_\_

### Section D. Approvals

Kaiser-Hill Project Manager

Steve Nede  
Name/Signature

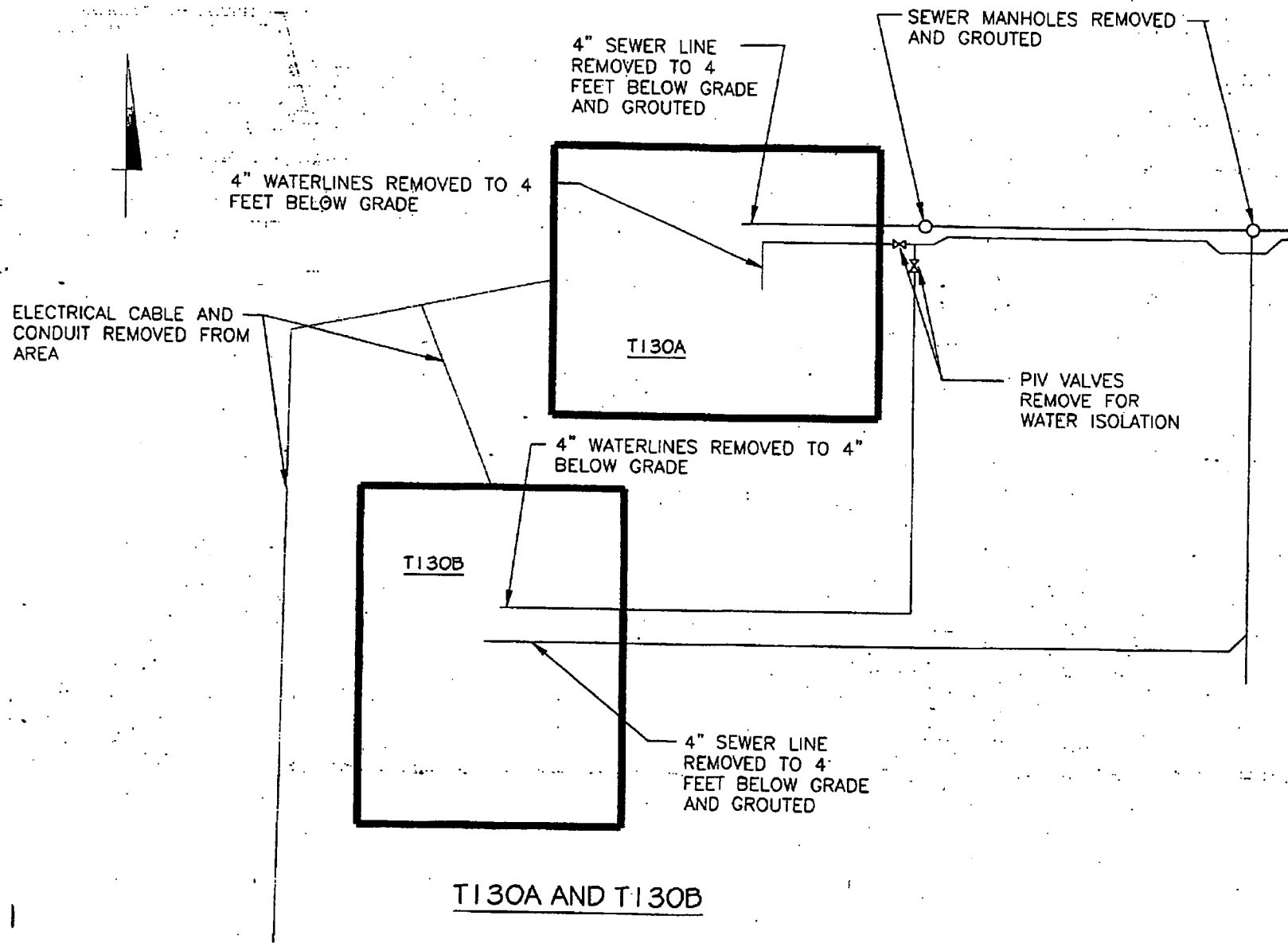
9/1/05  
Date

### Additional Facility Information

Building T130B was an approximately 15,400 square foot modular trailer acquired in 1991. The structure was corrugated metal siding with corrugated metal skirting. The entrances had wooden stairs leading to a wooden enclosure.

Building T130B had the following utilities: electrical, plant water, plant sanitary and fire protection provided by an overhead sprinkler system and wall mounted fire extinguishers.

The entire T130B structure was removed during D&D activities, and sent offsite for disposal. The utilities were disconnected and removed to at least three feet below final grade as indicated on the attached map. There are no remaining structural components, utility lines, or parts of the foundation. The buildings are not in an IHSS or PAC therefore no soil sampling is required.



CORRES CONTROL  
OUTGOING LTR #

DOE ORDER #

05-RF-00838



DIST	LTR	ENC
CROCKETT, G		
FERRERA, D.W.	X	X
GILPIN, H.E.		
LONG, J.W.		
LINDSAY, D.C.		
SHELTON, D.C.		
TUOR, N.R.		
SNYDER, D		
MCGRORY, M		
HADACEK, M		
KAISER, M.		
BEAN, C.		
LINSINBIEGLER, H		
NESTA, S.	X	X

September 1, 2005

05-RF-00838

Gary Morgan, Director  
Project Support  
DOE, RFPO

TRANSMITTAL OF CLOSE OUT REPORT FOR T130A OFFICE TRAILER – DWF-089-05

Attached is the Closeout Report for the Type 1 facility T130A Office Trailer. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project.

Please contact Steve Nesta extension 6386 with questions or concerns.

Dennis W. Ferrera  
Vice President and Project Manager  
Remediation, Industrial D&D, and Site Services

Attachment:  
As Stated

CORRES. CONTROL	X	X
PATS		
ADMN. RECORD	X	X
WASTE REC CTR		
TRAFFIC		

SMN:rlm

## CLASSIFICATION:

UCN	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

Orig. and 1 cc – Gary Morgan

cc:  
John Rampe

AUTHORIZED CLASSIFIER  
SIGNATURE:

NA

Date:

IN REPLY TO RFP CC #:

## ACTION ITEM STATUS:

- ☐ PARTIAL/OPEN  
☐ CLOSED

## LTR APPROVALS:

Last Name) \_\_\_\_\_

Last Name) \_\_\_\_\_

## ORIG. &amp; TYPST INITIALS:

KLM:rlm

Kaiser-Hill Company, L.L.C.

Letter # DWF-089-05

Rocky Flats Environmental Technology Site, 12101 Airport Way, Unit B, T130F, Golden, CO 80403-8200 • (303) 966-6386

## Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	T130A
Facility Descriptor:	Office Trailer, 15,400 square feet
Project:	RISS - Area 5 D&D
Date of Demolition:	August 1, 2005
Additional Information:	Modular corrugated metal office trailer demolished and disposed of as sanitary waste.
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

<b>Section B. Final Characterization Data</b>	
Reconnaissance Level Characterization Report (concurrence received)	Reconnaissance Level Characterization Report - Concurrence, Steven H. Gunderson to Joseph A. Legare, dated August 03, 2005.
In-process Characterization	N/A
Pre-Demolition Survey Report (approval received)	N/A
Post-Demolition Survey Report (as necessary)	N/A

<b>Section C. Waste Data (complete categories as appropriate)</b>	
<u><b>Sanitary Disposal</b></u>	
Disposal Site:	BFI Foothills Landfill, Golden, Colorado
Waste Volume (m <sup>3</sup> ):	2354.8
Waste Weight (tons):	986.4 tons
Additional Information:	Above grade building debris
<u><b>Hazardous Disposal</b></u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal.
<u><b>TSCA Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Asbestos Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Low-Level Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Low-Level Mixed Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<u><b>Recycled Material</b></u>	
Recycle Facility:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	

## Type 1 Facility Closeout Report

### Property Disposition

Receiver Locations (major items only): N/A

Volume (m<sup>3</sup>): \_\_\_\_\_

Weight (tons): \_\_\_\_\_

Additional Information: \_\_\_\_\_

### Section D. Approvals

Kaiser-Hill Project Manager

[Signature]  
Name Signature

9/1/05

Date

### Additional Facility Information

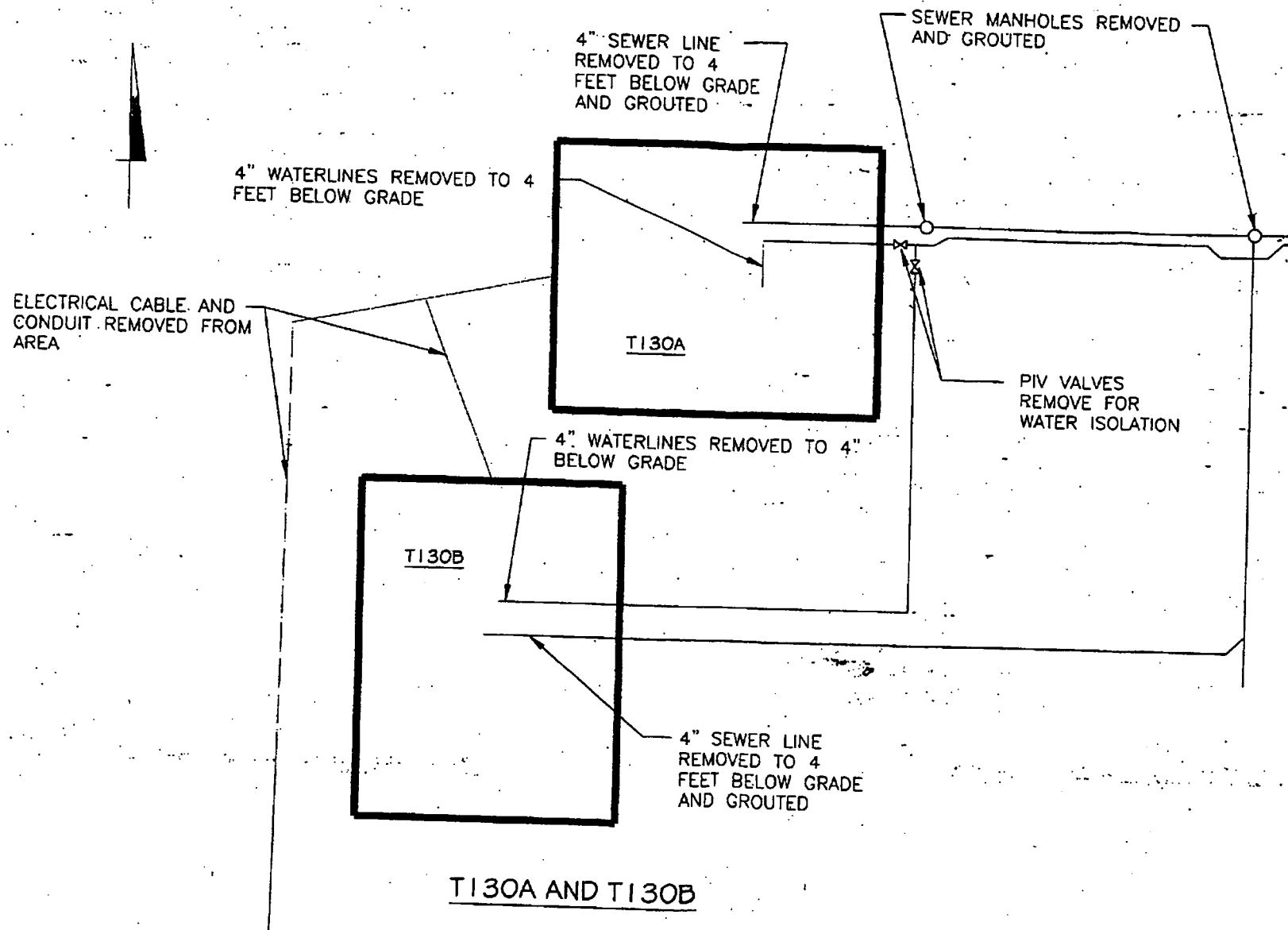
Building T130A was an approximately 15,400 square foot modular trailer acquired in 1991. The structure was corrugated metal siding with corrugated metal skirting. The entrances had wooden stairs leading to a wooden enclosure.

Building T130A had the following utilities: electrical, plant water, plant sanitary and fire protection provided by an overhead sprinkler system and wall mounted fire extinguishers.

The entire T130A structure was removed during D&D activities, and sent offsite for disposal. The utilities were disconnected and removed to at least three feet below final grade as indicated on the attached map. There are no remaining structural components, utility lines, or parts of the foundation. The buildings are not in an IHSS or PAC therefore no soil sampling is required.



9



CORRES CONTROL  
OUTGOING LTR #

DOE ORDER #

05-RF-00839



DIST	LTR	ENC
CROCKETT, G		
FERRERA, D.W.	X	X
GILPIN, H.E.		
LONG, J.W.		
LINDSAY, D. C.		
SHELTON, D.C.		
TUOR, N.R.		
SNYDER, D		
MCGRORY, M.		
HADACEK, M		
KAISER, M.		
BEAN, C.		
LINSINGER, H		
NESTA, S.	X	X

September 1, 2005

05-RF-00839

Gary Morgan, Director  
Project Support  
DOE, RFPO

TRANSMITTAL OF CLOSE OUT REPORT FOR FIRE DEPARTMENT SIDE OF BUILDING  
331 - DWF-090-05

Attached is the Closeout Report for the Type 1 facility for Fire Department side of Building 331.  
Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill  
RISS project.

Please contact Steve Nesta extension 6386 with questions or concerns.

Dennis W. Ferrera  
Vice President and Project Manager  
Remediation, Industrial D&D, and Site Services

CORRES CONTROL	X	X
PATS		
ADMIN. RECORD	X	X
WASTE REC CTR		
TRAFFIC		

Attachment:  
As Stated

CLASSIFICATION:		
UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

SMN:rlm

Orig. and 1 cc - Gary Morgan

AUTHORIZED CLASSIFIER  
SIGNATURE:

CC:

NA  
Date:

John Rampe

IN REPLY TO RFP CC #:

## ACTION ITEM STATUS:

- ☐ PARTIAL/OPEN  
☐ CLOSED

## LTR APPROVALS:

Last Name) \_\_\_\_\_  
Last Name) \_\_\_\_\_

## ORIG. &amp; TYPIST INITIALS:

KLM:rlm

Kaiser-Hill Company, L.L.C.

Letter # DWF-090-05

Rocky Flats Environmental Technology Site, 12101 Airport Way, Unit B, T130F, Golden, CO 80403-8200 ♦ (303) 966-6386

## Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	B331
Facility Descriptor:	Fire Department Side of B331
Project:	RISS
Date of Demolition:	7/29/05
Additional Information:	
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

<b>Section B. Final Characterization Data</b>	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	Type 1 Concurrence-Steven Gunderson to Richard DiSalvo, May 29, 2003
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

<b>Section C. Waste Data <i>(complete categories as appropriate)</i></b>	
<u><b>Sanitary Disposal</b></u>	
Disposal Site:	BFI Foothills 93
Waste Volume (yd <sup>3</sup> ):	4660
Waste Weight (tons):	2149.4
Additional Information:	
<u><b>Hazardous Disposal</b></u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Waste Volume (yd <sup>3</sup> ):	Minor Amounts
Additional Information:	Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for proper disposal.
<u><b>TSCA Waste Disposal</b></u>	
Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<u><b>Asbestos Waste Disposal</b></u>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	Asbestos strip-out was conducted for the entire 331 facility. Asbestos waste from the Fire Department was combined with that from 331 Garage. Volumes/weights are included in that close out report.
<u><b>Low-Level Waste Disposal</b></u>	
Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<u><b>Low-Level Mixed Waste Disposal</b></u>	
Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<u><b>Recycled Material</b></u>	
Recycle Facility:	N/A
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<u><b>Property Disposition</b></u>	
Receiver Locations <i>(major items only)</i> :	
Volume (m <sup>3</sup> ):	N/A

## Type 1 Facility Closeout Report

Weight (tons):

Additional Information:

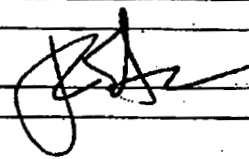
Section D. Approvals

Kaiser-Hill Project Manager

Name/Signature

Date

J.M. Swartz

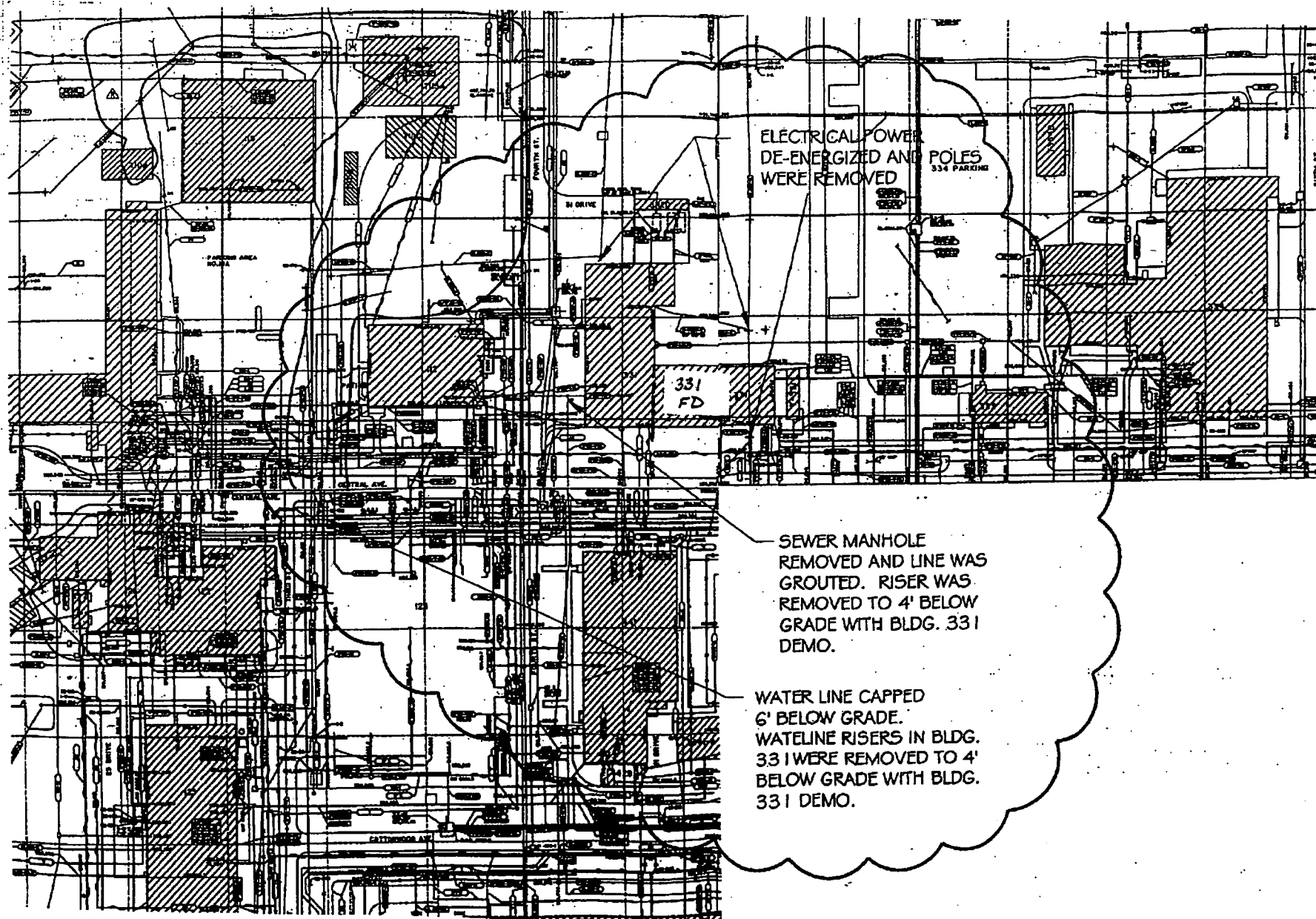


8-24-05

## **Instructions for Completion of Type 1 Facility Closeout Report**

B331 was a two-story structure built in 1953, and had a total of 23,540 square feet of floor space. Three additions were made to the original structure. In 1960, a 400 square foot addition was added west of Room 114. In 1967, a 400 square foot tool shed was added to the north side of the 1960 addition. These parts of B331 were discussed in a separate Type 2 Close Out report for the B331 Garage. In 1968, a 2400 square foot addition was built to provide additional office space and off-shift living quarters for the RFETS Fire Department. This portion of B331 was classified as a Type 1 facility. The Fire Department structure was constructed of cinderblocks, with a built up roof.

The following utilities were associated with B331: electrical, plant water, plant sanitary, plant steam, and an overhead fire sprinkler system. Water and sewer lines were removed to greater than four feet below grade prior to demolition.



ELECTRICAL POWER  
DE-ENERGIZED AND POLES  
WERE REMOVED  
334 PARKING

SEWER MANHOLE  
REMOVED AND LINE WAS  
GROUTED. RISER WAS  
REMOVED TO 4' BELOW  
GRADE WITH BLDG. 331  
DEMO.

WATER LINE CAPPED  
6' BELOW GRADE.  
WATERLINE RISERS IN BLDG.  
331 WERE REMOVED TO 4'  
BELOW GRADE WITH BLDG.  
331 DEMO.

CORRES CONTROL  
OUTGOING LTR #

DOE ORDER #

05-RF-00836



DIST	LTR	ENC
CROCKETT, G		
FERRERA, D.W.	X	X
GILPIN, H.E.		
LONG, J.W.		
LINDSAY, D.C.		
SHELTON, D.C.		
TUOR, N.R.		
SNYDER, D		
MCGRORY, M		
HADACEK, M		
KAISER, M		
BEAN, C		
LINSINGER, H		
NESTA, S.	X	X

September 1, 2005

05-RF-00836

 Gary Morgan, Director  
 Project Support  
 DOE, RFPO

 TRANSMITTAL OF CLOSE OUT REPORT FOR CONSOLIDATED WATER TREATMENT  
 FACILITY, BUILDING 891 - DWF-087-05

 Attached is the Closeout Report for the Type 1 facility Consolidated Water Treatment Facility,  
 Building 891. Please note that a copy of the report has been submitted to the CERCLA AR by  
 the Kaiser-Hill RISS project.

Please contact Steve Nesta extension 6386 with questions or concerns.

 Dennis W. Ferrera  
 Vice President and Project Manager  
 Remediation, Industrial D&D, and Site Services

CORRES CONTROL	X	X
PATS		
ADMIN. RECORD	X	X
WASTE REC CTR		
TRAFFIC		

 Attachment:  
 As Stated

CLASSIFICATION:	
UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

SMN:rlm

Orig. and 1 cc - Gary Morgan

 AUTHORIZED CLASSIFIER  
 SIGNATURE:

NA

 CC:  
 John Rampe

Date:

IN REPLY TO RFP CC #:

## ACTION ITEM STATUS:

☐ PARTIAL/OPEN  
☐ CLOSED

## LTR APPROVALS:

(Last Name)

(Last Name)

ORIG. &amp; TYPIST INITIALS:

KLM:rlm

Kaiser-Hill Company, L.L.C.

Letter # DWF-087-05

Rocky Flats Environmental Technology Site, 12101 Airport Way, Unit B, T130F, Golden, CO 80403-8200 • (303) 966-6386

# Type 1 Facility Closeout Report

## Section A. Facility Data

Facility No.	B891
Facility Descriptor:	Consolidated Water Treatment Facility
Project:	RISS - Area 7 D&D
Date of Demolition:	7/7/05 - 8/3/05
Additional Information:	Treatment equipment and building shell demolished and disposed.
(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)	

## Section B. Final Characterization Data

Reconnaissance Level Characterization Report (concurrence received)	Reconnaissance Level Characterization Report – Concurrence, David A. Kruchek to John Rampe, dated July 25, 2005.
In-process Characterization	N/A
Pre-Demolition Survey Report (approval received)	July 25, 2005
Post-Demolition Survey Report (as necessary)	N/A

## Section C. Waste Data (complete categories as appropriate)

### Sanitary Disposal

Disposal Site:	BFI Foothills 93 Landfill, Golden, Colorado
Waste Volume (m <sup>3</sup> ):	5160 Cubic yards
Waste Weight (tons):	2080.73 net tons
Additional Information:	Above grade building debris, tanks, internal equip., concrete foundation

### Hazardous Disposal

Disposal Site:	Kettleman Hills Facility, Kettleman City, CA, Bethlehem Apparatus Co, Hellertown, PA or Onyx, Henderson, CO.
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal.

### TSCA Waste Disposal

Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	

### Asbestos Waste Disposal

Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	

### Low-Level Waste Disposal

Disposal Site:	Envirocare of Utah
Waste Volume (m <sup>3</sup> ):	181.25 m <sup>3</sup>
Additional Information:	

### Low-Level Mixed Waste Disposal

Disposal Site:	Envirocare of Utah
Waste Volume (m <sup>3</sup> ):	168.3 m <sup>3</sup>
Additional Information:	

### Recycled Material

Recycle Facility:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	



## Type 1 Facility Closeout Report

### Property Disposition

Receiver Locations (major items only): N/A

Volume (m<sup>3</sup>):

Weight (tons):

Additional Information:

### Section D. Approvals

Kaiser-Hill Project Manager

Name/Signature

Date

### Additional Facility Information

Building 891 is located in the southeast area of the Industrial Area of the Site. The building is a single story engineered metal structure constructed in 1991. Its early mission was treatment of the Operable Unit (OU) 1 groundwater, located south and east of B881. In 1995, the unit was combined with the OU-2 treatment facility, and renamed the Consolidated Water Treatment facility (CWTF).

The CWTF consisted of a Granular Activated Carbon (GAC) unit, a chemical precipitation/microfiltration system, a UV/peroxide oxidation unit, and series of ion exchange columns. Building 891 was removed during D&D activities, and sent offsite for disposal. All contaminated and potentially contaminated equipment and systems were removed from the building in accordance with the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP. Additionally, a closure description like document was written to address the RSOP requirement for a Closure Plan that meets the substantive elements of a Closure Description Document.

The treatment system at B891 was set-up as a CERCLA treatment operation. However, OU-I was designated as using F-listed solvents (F001, F002, and a later waste stream with U211), thus requiring those portions of the treatment unit be closed using the substantive requirements of RCRA closure as guidance. Specifically, the following components were closed using this guidance:

- initial GAC unit,
- the chemical precipitation/microfiltration units in T900A and T900B,
- the UV/peroxide unit, and
- a polishing GAC unit

Influent tank T-201 and surge tanks T202 and T-203 were drained of liquids, and steam-cleaned with a high-pressure washer to meet the substantive closure requirements via clean debris decontamination (see attached Professional Engineer certification), and disposed of as sanitary waste. The remainder of the treatment unit was disposed of as LLW. The utilities were disconnected and removed to at least three feet below final grade as indicated on the attached map. There are no remaining structural components, utility lines, or parts of the foundation. The building is not in an IHSS or PAC therefore no soil sampling is required.

B891 had the following utilities: electrical, potable water, and sanitary drains. Refer to the attached map for location of utilities.

I, the undersigned, a State of Colorado Registered Professional Engineer, hereby certify that closure via clean debris decontamination of Rocky Flats Building 891 CERCLA tanks T-201, T-202, and T-203 was achieved. Each tank was drained of liquids and then steam cleaned with a high-pressure washer to meet the closure standards required for these tanks.

Visual inspections were conducted for each tank, with the date each tank met closure standards listed below:

<u>Tank Number</u>	<u>Inspection Date</u>
T-201 - Influent Storage Tank	July 21, 2005
T-202 - Surge Tank	July 20, 2005
T-203 - Surge Tank	July 19, 2005

Professional Engineer seal, signature, and date attesting to closure certification statement:



Michael Tylon Vess, P.E.  
Colorado P.E. # 36144  
July 25, 2005

19/9

8" WATER MAIN CAPPED  
AT THIS POINT.

ELECTRICAL DISCONNECT  
AT TRANSFORMER AND  
LINE REMOVED TO 3.5'  
DEPTH TO THE NORTH

4" SEWER LINE REMOVED DOWN TO  
4' WITH BLDG. DEMO.

2" WATERLINE REMOVE TO  
5' BELOW GRADE WITH  
BLDG. DEMO.

2" DCW

4" SEWER

